



APRIL 2003

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

OAK RIDGE, TN

OAK RIDGE (OQT)
 Lat: 36°01' N Long: 84°14' W Elev (Ground): 913 Feet
 Time Zone: EASTERN WBAN: 53868 ISSN #: -

APRIL 2003
 OAK RIDGE, TN

DATE	TEMPERATURE °F						DEG DAYS BASE 65°		WEATHER	SNOW/ICE ON GND (IN)		PRECIPITATION (INCHES)		PRESSURE (INCHES OF HG)		WIND SPEED = MPH DIR = TENS OF DEGREES								DATE																									
	MAXIMUM	MINIMUM	AVERAGE	DEP FROM NORMAL	AVERAGE DEW PT	AVERAGE WET BULB	HEATING	COOLING		0700 LST	1300 LST	2400 LST	2400 LST	AVERAGE STATION	AVERAGE SEA LEVEL	RESULTANT SPEED	RES DIR	AVERAGE SPEED	MAXIMUM																														
																			5-SEC		2-MIN																												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24																										
01	74	38	56	3	34	46	9	0					0.00	29.21	30.19	7.3	23	8.2	24	20	17	20	01																										
02	76	46	61	7	42	52	4	0					0.00	29.19	30.15	6.0	22	6.9	20	21	16	18	02																										
03	76	49	63	9	47	55	2	0	HZ				0.00	29.11	30.06	4.6	21	5.4	21	22	15	19	03																										
04	73	56	65	11	54	59	0	0	RA HZ				T	28.95	29.90	6.1	21	6.7	24	21	18	21	04																										
05	75	53	64	10			1	0	RA BR				0.51	29.01		4.0	25	6.7	28	29	20	28	05																										
06	58	47	53	-2			12	0	RA BR				0.85	29.14		6.4	05	7.1	18	06	14	06	06																										
07	69	52	61	6	57	58	4	0	RA BR				0.78	29.05	30.02	0.6	09	1.3	12	06	9	06	07																										
08	61	56	59	4	57	57	6	0	RA BR				0.65	29.05	30.01	0.3	11	1.7	13	27	8	27	08																										
09	56	43	50	-5	44	46	15	0	RA BR				0.49	28.94	29.92	2.9	02	3.9	15	06	12	06	09																										
10	51	43	47*	-9	43	45	18	0	RA BR				0.85	28.84	29.82	5.3	03	5.4	23	05	15	04	10																										
11	63	42	53	-3	43	48	12	0	RA BR				0.03	28.88	29.85	1.4	34	2.0	15	01	12	36	11																										
12	78	37*	58	2	41	49	7	0	BR				0.00	29.00	29.97	0.6	32	1.8	17	35	13	36	12																										
13	76	43	60	4	42	51	5	0	BR				0.00	29.17	30.14	0.8	07	1.2	10	27	8	14	13																										
14	82	42	62	5	46	53	3	0					0.00	29.28	30.24	0.7	20	1.4	14	23	9	20	14																										
15	82	52	67	10	51	58	0	2	BR HZ				0.00	29.21	30.16	2.6	23	3.8	18	23	14	20	15																										
16	79	53	66	9	52	58	0	1	BR HZ				0.00	29.02	29.96	3.2	22	3.7	20	28	14	21	16																										
17	69	57	63	5	57	58	2	0	RA FG+ BR HZ				2.06	28.90	29.85	0.2	09	1.9	14	21	9	29	17																										
18	74	55	65	7	57	59	0	0	FG+ BR				0.00	29.06	30.02	1.9	08	3.1	12	08	10	10	18																										
19	79	52	66	8	56	60	0	1	BR				0.00	29.19	30.15	0.6	22	2.0	16	26	10	26	19																										
20	75	61	68	10	60	63	0	3	BR HZ				0.00	29.14	30.09	2.6	24	4.7	18	19	13	20	20																										
21	78	58	68	9	57	61	0	3	RA FG+ BR				0.93	28.95	29.89	3.7	25	5.6	22	26	15	29	21																										
22	64	46	55	-4	42	49	10	0					0.00	29.00	29.97	1.1	32	4.3	16	36	12	32	22																										
23	69	40	55	-4	37	46	10	0	BR				0.00	29.13	30.10	1.8	06	3.1	14	05	10	06	23																										
24	69	44	57	-3	45	49	8	0	RA				T	29.02	29.99	1.0	18	4.9	23	24	16	22	24																										
25	68	52	60	0	54	57	5	0	RA BR				0.30	28.70	29.66	0.7	18	2.4	25	24	15	24	25																										
26	71	53	62	2	55	57	3	0	RA BR HZ				0.13	28.79	29.74	1.3	02	2.4	18	01	14	01	26																										
27	76	49	63	3	49	55	2	0	FG+ BR HZ				0.00	29.04	30.00	1.1	08	2.9	15	06	12	06	27																										
28	82	47	65	4	53	58	0	0	BR HZ				0.00	29.08	30.03	0.8	21	2.1	18	21	14	19	28																										
29	85	58	72	11	60	63	0	7	RA FG BR HZ				0.45	29.03	29.97	0.5	25	2.9	24	01	17	01	29																										
30	86*	57	72*	11	59	63	0	7	BR				0.00	29.04	29.98	1.5	23	3.3	28*	16	21*	18	30																										
										72.5		49.4		61.0		■ ■		4.6		0.8		< MONTHLY AVERAGES				TOTALS-->		8.03		29.04		0.4		36		3.8		<-- MONTHLY AVERAGES											
										2.0		5.6		3.8		■ ■		←-----DEPARTURE FROM NORMAL----->										3.71		SUNSHINE, CLOUD, & VISIBILITY TABLES ON PAGE 3																			
DEGREE DAYS										GREATEST 24-HR PRECIPITATION: 2.06 DATE: 17										SEA LEVEL PRESSURE DATE TIME																													
MONTHLY TOTAL DEPARTURE										GREATEST 24-HR SNOWFALL: DATE:										MAXIMUM : 30.32 14 0953																													
SEASON TO DATE TOTAL DEPARTURE										GREATEST SNOW DEPTH: DATE:										MINIMUM : 29.52 25 1953																													
HEATING: 138 -116 3609 -298										NUMBER OF DAYS WITH →										MAXIMUM TEMP ≥ 90: 0										MINIMUM TEMP ≤ 32: 0										PRECIPITATION ≥ 0.01 INCH: 12									
COOLING: 24 5 24 3																				MAXIMUM TEMP ≤ 32: 0										MINIMUM TEMP ≤ 0: 0										PRECIPITATION ≥ 0.10 INCH: 11									
																				THUNDERSTORMS: 0										HEAVY FOG: 4										SNOWFALL ≥ 1.0 INCH: :									

HOURLY PRECIPITATION

(WATER EQUIVALENT IN INCHES)

OAK RIDGE, TN

APRIL 2003 OQT WBAN # 53868

DATE	FOR HOUR (LST) ENDING AT												DATE	FOR HOUR (LST) ENDING AT												DATE	Sum if Different (See Note)	2400 LST
	1	2	3	4	5	6	7	8	9	10	11	12		13	14	15	16	17	18	19	20	21	22	23	24			Water Equiv.
01													01												01		0.00	
02													02												02		0.00	
03													03												03		0.00	
04													04		T										04		0.00	
05						0.19	0.15						05												05	0.34	0.51	
06													06												06		0.85	
07		0.36			0.01	0.01	T						07												07	0.38	0.78	
08	T												08		0.01	0.01	0.14	0.05	0.12	0.09	0.04	0.01	0.01	0.05	0.06	0.65		
09	0.06	0.13	0.10	0.04	0.01	T	T	0.02	0.04	T	0.01	0.01	0.04	0.01	T	T	T	T	0.09	0.01	0.01	T	0.06	0.01	0.01	0.49		
10		T			0.05	0.09	0.16	0.22	0.02	T			10	0.17	0.05	T	0.02	0.04	T	T	T	T	T	T	10	0.85		
11						0.01	T	0.01	0.01	T	T		11												11		0.03	
12													12												12		0.00	
13													13												13		0.00	
14													14												14		0.00	
15													15												15		0.00	
16													16												16		0.00	
17								0.02	0.04	0.02	0.16	0.44	17	0.16	0.05	0.06	0.53	T		0.41	0.11	0.05	0.01	17		2.06		
18													18												18		0.00	
19													19												19		0.00	
20													20												20		0.00	
21	T		T	0.05	0.03	0.83	T	0.02					21												21		0.93	
22													22												22		0.00	
23													23												23		0.00	
24													24	T											24		T	
25													25	T							0.03	0.22	0.05		25		0.30	
26													26	0.13	T										26		0.13	
27													27												27		0.00	
28													28												28		0.00	
29													29			T	T	0.33	0.02	0.01	0.02	0.01	T	0.04	0.02	29	0.45	
30													30												30		0.00	

MAXIMUM SHORT DURATION PRECIPITATION (See Note)

Time Period (Minutes)	5	10	15	20	30	45	60	80	100	120	150	180
Precipitation (Inches)	.27	.49	.59	.69	.76	.83	.86	.86	.86	.89	.91	.91
Ending Date	21	21	21	21	21	21	21	21	21	21	21	21
Ending Time (Hour/Min)	0518	0522	0527	0532	0538	0536	0544	0544	0544	0538	0544	0544

Date and time are not entered for TRACE amounts.

Note : The sum of the hourly totals is given when it differs from the daily total. NWS does not edit ASOS hourly values but may edit daily and monthly totals. Hourly, daily, and monthly totals are printed as reported by the ASOS site.

REFERENCE NOTES & SUPPLEMENTAL SUMMARIES

* = Extreme for the month (last occurrence if more than one)

T = Trace precipitation amount

+ = also occurs on earlier date

FG+ = Heavy fog, visibility .25 miles or less
BLANK entries denote missing or unreported data

Resultant wind is the vector sum of the wind speeds and directions divided by the number of observations.

Wind direction is recorded in tens of degrees (2 digits) clockwise from true north. '00' = calm, 'VR' = variable.

Precipitation is for the 24-hour period ending at the time indicated in the column heading.

Water Equivalent of snow on the ground is reported only when the depth is 2 or more inches.

NORMALS ARE FOR THE YEARS 1971–2000

WEATHER NOTATIONS

QUALIFIER	WEATHER PHENOMENA		
	PRECIPITATION	OBSCURATION	OTHER
BC Patches	DZ Drizzle	BR Mist	DS Duststorm
BL Blowing	GR Hail	DU Widespread Dust	FC Funnel Cloud
DR Low Drifting	GS Small Hail and/or Snow Pellets	FG Fog	+FC Tornado Waterspout
FZ Freezing	IC Ice Crystals	FU Smoke	PO Well-Developed Dust/Sand Whirls
MI Shallow	PL Ice Pellets	HZ Haze	SQ Squalls
PR Partial	RA Rain	PY Spray	SS Sandstorm
SH Shower(s)	SG Snow Grains	SA Sand	GL Glaze
TS Thunderstorm	SN Snow	VA Volcanic Ash	
VC In the Vicinity	UP Unknown Precipitation		

Intensity (as indicated on pages 4 to 6):
'+' = Heavy ' ' = Moderate '-' = Light

OAK RIDGE, TN APRIL 2003

Ceilorometer (30-second) data are used to derive cloudiness at or below 12,000 feet. This cloudiness is the mean cloud cover detected during sunrise to sunset (SR–SS), or midnight to midnight (MN–MN).

Satellite data are used to derive cloudiness above 12,000 feet. Effective Cloud Amount is based on the cloud cover and the transparency of the clouds within the satellite field of view (approx. 31x31 miles).

Sky Condition is based on the sum (not to exceed 8) of the sunrise to sunset cloud cover below and above 12,000 feet. Both ceilometer and satellite data must be present to compute Sky Condition. Clear = 0–2 oktas, Partly Cloudy = 3–6 oktas, Cloudy = 7–8 oktas.

A Heating (Cooling) Degree Day is the difference between the average daily temperature and 65 degrees F. The HDD season begins July 1, the CDD season begins January 1.

Dew Point is the temperature to which the air must be cooled to achieve 100% relative humidity. Wet Bulb is the temperature the air would have if cooled to saturation at constant pressure by evaporation of water into it.

Snow Depth, Snowfall, and Sunshine data may come from nearby sites that the National Weather Service deems Climatologically representative of this site.

ADDITIONAL NOTES:

DATE	SUNSHINE		CLOUDINESS (OKTAS)				VISIBILITY (MILES)		RESERVED
	TOTAL MINUTES	PERCENT POSSIBLE	SR–SS		MN–MN		MINIMUM	MAXIMUM	
			CEILOMETER	SATELLITE	CEILOMETER	SATELLITE			
01							10.00	10.00	
02							10.00	10.00	
03							5.00	10.00	
04							5.00	10.00	
05							1.00	10.00	
06							1.75	10.00	
07							1.75	10.00	
08							.75	10.00	
09							2.00	10.00	
10							1.75	10.00	
11							4.00	10.00	
12							4.00	10.00	
13							5.00	10.00	
14							8.00	10.00	
15							6.00	10.00	
16							3.00	10.00	
17							.25	10.00	
18							<.25	10.00	
19							4.00	10.00	
20							5.00	8.00	
21							.50	10.00	
22							9.00	10.00	
23							6.00	10.00	
24							9.00	10.00	
25							1.75	10.00	
26							.75	10.00	
27							<.25	10.00	
28							2.50	10.00	
29							.50	8.00	
30							1.50	10.00	
MONTHLY AVGS							3.92	9.87	
SUNSHINE (MINUTES)									
Total: Possible: Percent Possible:									
NUMBER OF DAYS WITH:									
SKY CONDITION									
CLR PTLY CLDY CLOUDY MISSING									
30									
MINIMUM VISIBILITY (MILES)									
<=0.25 <=3.0 >=7.0									
2 16 5									

OBSERVATIONS AT 3-HOURLY INTERVALS

OAK RIDGE, TN

APRIL 2003

OQT

WBAN # 53868

HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SATELLITE		WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)					
	SKY COVER	CEILING 100'S OF FT		OBSERVATION TIME (LST)	EFF CLD AMT Oktas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)		DIRECTION TENS OF DEG	STATION		SEA LEVEL	OBSERVATION TIME (LST)	EFF CLD AMT Oktas	VISIBILITY (MILES)	DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL
SUNRISE: 0624 APR 01 SUNSET: 1859																											
01	CLR	NC		10.00	41	25	35	53	6	26	29.28	30.27	01	OVC	035	2.50	RA BR	52	51	52	97	5	01	29.08			
04	CLR	NC		10.00	40	26	35	58	5	VR	29.25	30.25	04	OVC	018	2.00	RA BR	52	51	52	97	5	06	29.02			
07	CLR	NC		10.00	40	27	35	60	6	22	29.29	30.28	07	OVC	050	8.00		53	52	52	96	0	00	29.03	29.99		
10	CLR	NC		10.00	54	31	44	42	9	24	29.27	30.27	10	OVC	029	10.00		57	55	56	93	0	00	29.05	30.02		
13	CLR	NC		10.00	69	40	54	35	14	21	29.20	30.17	13	OVC	035	9.00		62	58	60	86	0	00	29.04	30.01		
16	CLR	NC		10.00	73	41	56	32	14	20	29.13	30.10	16	OVC	021	10.00		69	61	64	76	0	00	29.01	29.97		
19	CLR	NC		10.00	70	38	54	31	10	21	29.12	30.10	19	BKN	029	8.00		67	62	64	84	0	00	29.07	30.02		
22	CLR	NC		10.00	64	39	51	40	7	22	29.17	30.14	22	CLR	NC	5.00	BR	61	60	60	97	0	00	29.11	30.08		
SUNRISE: 0622 APR 02 SUNSET: 1859																											
01	CLR	NC		10.00	55	40	48	57	5	23	29.20	30.16	01	OVC	020	8.00		61	58	59	90	3	VR	29.12	30.08		
04	CLR	NC		10.00	51	40	46	66	3	23	29.21	30.17	04	OVC	014	10.00		60	56	58	86	5	08	29.08	30.03		
07	CLR	NC		10.00	46	40	43	79	0	00	29.27	30.24	07	OVC	018	10.00		59	54	56	83	5	12	29.11	30.07		
10	CLR	NC		10.00	64	43	53	46	10	24	29.27	30.23	10	OVC	014	2.50	-RA BR	57	56	56	96	0	00	29.08	30.05		
13	CLR	NC		10.00	71	42	56	35	14	21	29.20	30.16	13	OVC	007	6.00	BR	60	58	59	93	0	00	29.05	30.01		
16	CLR	NC		10.00	76	43	58	31	10	19	29.13	30.09	16	OVC	012	2.50	-RA BR	60	59	59	96	0	00	29.01	29.96		
19	CLR	NC		10.00	71	41	55	34	12	21	29.11	30.08	19	OVC	006	6.00	-RA BR	58	57	57	97	6	VR	28.99	29.95		
22	CLR	NC		10.00	63	42	52	47	3	23	29.14	30.10	22	OVC	006	4.00	-RA BR	56	56	56	100	5	21	28.98	29.94		
SUNRISE: 0621 APR 03 SUNSET: 1900																											
01	CLR	NC		10.00	60	43	51	53	3	VR	29.12	30.08	01	OVC	014	2.50	RA BR	53	51	52	93	3	01	28.96	29.92		
04	CLR	NC		10.00	53	44	49	72	3	24	29.14	30.10	04	OVC	065	10.00	-RA	49	47	48	93	5	05	28.95	29.92		
07	CLR	NC		10.00	50	44	47	80	0	00	29.19	30.15	07	OVC	022	10.00	-RA	49	47	48	93	3	35	28.98	29.95		
10	OVC	039		10.00	63	48	55	58	3	VR	29.20	30.16	10	OVC	013	10.00		49	46	47	90	10	05	28.97	29.93		
13	CLR	NC		6.00	71	49	59	46	9	18	29.12	30.08	13	OVC	019	10.00		51	44	48	77	7	01	28.94	29.91		
16	CLR	NC		10.00	75	50	61	42	9	19	29.04	29.98	16	OVC	017	2.00	-RA BR	48	44	46	86	6	34	28.90	29.88		
19	CLR	NC		10.00	71	48	58	44	7	22	29.02	29.98	19	OVC	023	7.00		44	40	42	85	0	00	28.93	29.91		
22	CLR	NC		8.00	64	49	56	58	3	VR	29.06	30.01	22	OVC	024	10.00	-RA	45	41	43	86	3	VR	28.93	29.91		
SUNRISE: 0619 APR 04 SUNSET: 1900																											
01	BKN	055		10.00	61	50	55	67	0	00	29.03	29.97	01	OVC	018	10.00		44	42	43	93	0	00	28.90	29.88		
04	FEW	NC		7.00	56	50	53	81	0	00	29.00	29.94	04	OVC	016	7.00		46	43	45	89	3	05	28.86	29.85		
07	CLR	NC		5.00	57	51	54	81	0	00	29.01	29.96	07	OVC	036	2.00	RA BR	45	44	45	97	0	00	28.86	29.85		
10	BKN	028		8.00	66	54	59	65	8	27	29.01	29.96	10	OVC	045	10.00		48	41	45	77	13	04	28.86	29.84		
13	BKN	036		10.00	71	57	63	61	12	19	28.96	29.90	13	OVC	033	2.50	RA BR	46	43	45	89	10	02	28.82	29.80		
16	SCT	NC		10.00	72	55	62	55	16	19	28.90	29.85	16	OVC	042	5.00	-RA	47	42	45	83	8	02	28.81	29.80		
19	OVC	050		10.00	70	56	62	61	7	22	28.90	29.85	19	OVC	033	10.00		49	44	47	83	7	03	28.83	29.81		
22	OVC	044		10.00	67	58	62	73	10	23	28.88	29.82	22	OVC	044	10.00	-RA	50	44	47	80	8	02	28.84	29.81		
SUNRISE: 0618 APR 05 SUNSET: 1901																											
01	BKN	047		10.00	65	57	60	76	8	24	28.89	29.83	01	OVC	080	9.00		49	45	47	86	0	00	28.82	29.80		
04	OVC	017		9.00	65	60	62	84	8	22	28.84	29.78	04	OVC	035	7.00		48	46	47	93	0	00	28.81	29.79		
07	BKN	055		9.00	57	56	56	96	0	00	28.92	29.87	07	OVC	027	7.00		48	45	47	89	3	VR	28.88	29.86		
10	FEW	NC		10.00	64	57	60	78	8	23	29.01	29.96	10	OVC	031	9.00	-RA	50	45	47	83	0	00	28.89	29.87		
13	CLR	NC		10.00	73	47	58	40	8	26	29.02	29.96	13	OVC	035	10.00		57	45	51	64	9	34	28.88	29.85		
16	CLR	NC		10.00	74	32	53	21	8	29	29.04	29.97	16	OVC	065	10.00		59	43	51	56	6	VR	28.87	29.84		
19	CLR	NC		10.00					6	28	29.09		19	CLR	NC	10.00		61	32	47	34	3	33	28.88	29.85		
22	CLR	NC		10.00					5	03	29.17		22	CLR	NC	10.00		47	41	44	80	0	00	28.95	29.93		
SUNRISE: 0617 APR 06 SUNSET: 1902																											
01	CLR	NC		10.00					8	05	29.20		01	CLR	NC	8.00		42	40	41	92	0	00	28.95	29.92		
04	CLR	NC		10.00					7	05	29.17		04	CLR	NC	7.00		39	38	39	96	0	00	28.97	29.94		
07	CLR	NC		9.00					7	04	29.18		07	CLR	NC	4.00	BR	38	37	38	97	0	00	29.01	29.99		
10	CLR	NC		10.00					8	08	29.21		10	CLR	NC	10.00		60	43	51	53	0	00	29.03	30.01		
13	BKN	060		10.00					6	34	29.11		13	CLR	NC	9.00		72	42	56	34	3	VR	29.01	29.97		
16	OVC	060		10.00					9	06	29.09		16	CLR	NC	10.00		77	41	58	28	9	35	28.95	29.91		
19	BKN	044		10.00	53	49	51	86	7	05	29.07		19	CLR	NC	10.00		73	42	56	33	5	VR	28.98	29.94		
22	OVC	036		4.00	53	51	52	93	7	06	29.11		22	CLR	NC	10.00		59	48	53	67	0	00	29.04	30.00		

OBSERVATIONS AT 3-HOURLY INTERVALS

OAK RIDGE, TN

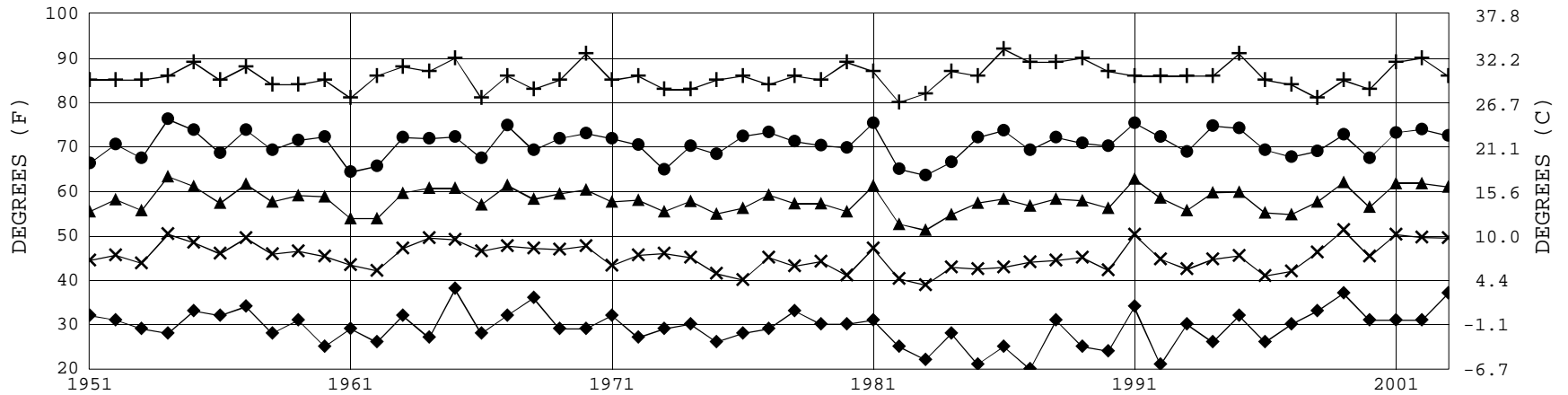
APRIL 2003

OQT

WBAN # 53868

HOUR (LST)	SKY COVER		OBSERVATION TIME (LST)	EFF CLD AMT Okta	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)		HOUR (LST)	SKY COVER		OBSERVATION TIME (LST)	EFF CLD AMT Okta	VISIBILITY (MILES)	WEATHER	TEMPERATURE °F				WIND		PRESSURE (INCHES, HG)	
	SKY COVER	CEILING 100'S OF FT					DRY BULB	DEW POINT	WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL		DRY BULB	DEW POINT					WET BULB	RELATIVE HUMIDITY (PCT)	SPEED (MPH)	DIRECTION TENS OF DEG	STATION	SEA LEVEL		
	SATELLITE	SATELLITE					SATELLITE	SATELLITE	SATELLITE	SATELLITE	SATELLITE	SATELLITE	SATELLITE	SATELLITE		SATELLITE	SATELLITE					SATELLITE	SATELLITE	SATELLITE	SATELLITE	SATELLITE	SATELLITE		
SUNRISE: 0607							APR 13	SUNSET: 1908							SUNRISE: 0559							APR 19	SUNSET: 1913						
01	CLR	NC			9.00		51	45	48	80	0	00	29.08	30.03	01	CLR	NC			9.00		55	54	54	96	0	00	29.16	30.12
04	CLR	NC			6.00	BR	46	44	45	93	0	00	29.09	30.05	04	CLR	NC			5.00	BR	53	53	53	100	0	00	29.18	30.14
07	CLR	NC			5.00	BR	45	42	44	90	0	00	29.16	30.13	07	OVC	018			7.00		54	53	53	97	0	00	29.22	30.19
10	CLR	NC			10.00		64	41	52	43	6	06	29.21	30.18	10	CLR	NC			10.00		63	54	58	73	0	00	29.25	30.22
13	CLR	NC			10.00		71	36	53	28	0	00	29.19	30.16	13	CLR	NC			10.00		74	58	64	57	6	23	29.18	30.14
16	CLR	NC			10.00		76	40	57	27	3	VR	29.15	30.12	16	CLR	NC			10.00		78	57	65	48	7	21	29.14	30.09
19	CLR	NC			10.00		71	39	54	31	0	00	29.17	30.14	19	CLR	NC			10.00		74	58	64	57	5	22	29.16	30.12
22	CLR	NC			10.00		55	47	51	74	0	00	29.24	30.20	22	CLR	NC			8.00		65	60	62	84	0	00	29.18	30.14
SUNRISE: 0606							APR 14	SUNSET: 1909							SUNRISE: 0558							APR 20	SUNSET: 1914						
01	CLR	NC			10.00		49	44	47	83	0	00	29.25	30.22	01	CLR	NC			7.00		64	59	61	84	0	00	29.15	30.10
04	CLR	NC			10.00		44	42	43	93	0	00	29.27	30.24	04	CLR	NC			8.00		63	57	60	81	0	00	29.15	30.10
07	CLR	NC			10.00		44	42	43	93	0	00	29.31	30.29	07	SCT	NC			6.00	BR	62	58	60	86	3	VR	29.20	30.15
10	CLR	NC			10.00		65	43	53	45	0	00	29.35	30.32	10	OVC	028			8.00		66	59	62	78	5	VR	29.20	30.16
13	CLR	NC			10.00		78	42	58	28	8	17	29.29	30.25	13	OVC	033			6.00	HZ	69	61	64	76	7	22	29.17	30.12
16	CLR	NC			10.00		81	45	61	28	6	VR	29.23	30.19	16	CLR	NC			5.00	HZ	74	60	65	62	10	26	29.11	30.06
19	CLR	NC			10.00		77	48	60	36	0	00	29.23	30.20	19	CLR	NC			5.00	HZ	71	61	65	71	6	22	29.08	30.03
22	CLR	NC			10.00		61	53	57	75	0	00	29.27	30.23	22	CLR	NC			5.00	HZ	67	61	63	81	5	VR	29.08	30.03
SUNRISE: 0604							APR 15	SUNSET: 1909							SUNRISE: 0557							APR 21	SUNSET: 1915						
01	CLR	NC			8.00		55	50	52	83	0	00	29.27	30.22	01	BKN	030			4.00	BR	65	61	63	87	0	00	29.05	29.99
04	SCT	NC			6.00	BR	53	49	51	86	0	00	29.26	30.21	04	OVC	025			2.00	-RA BR	63	62	62	97	0	00	29.00	29.94
07	CLR	NC			6.00	HZ	54	48	51	80	0	00	29.29	30.25	07	OVC	008			3.00	BR	63	63	63	100	0	00	29.00	29.94
10	CLR	NC			10.00		71	51	60	49	5	VR	29.30	30.26	10	OVC	011			5.00	BR	64	63	63	96	7	VR	28.98	29.93
13	CLR	NC			10.00		79	52	63	39	10	23	29.24	30.19	13	BKN	035			10.00		74	62	66	67	10	21	28.92	29.85
16	FEW	NC			10.00		81	47	61	30	8	23	29.14	30.09	16	CLR	NC			10.00		78	47	60	33	13	27	28.85	29.79
19	CLR	NC			9.00		77	49	61	37	6	VR	29.10	30.05	19	CLR	NC			10.00		69	47	57	45	12	29	28.88	29.83
22	CLR	NC			7.00		64	55	59	73	0	00	29.10	30.06	22	SCT	NC			10.00		60	49	54	67	0	00	28.93	29.88
SUNRISE: 0603							APR 16	SUNSET: 1910							SUNRISE: 0555							APR 22	SUNSET: 1915						
01	CLR	NC			5.00	BR	57	53	55	87	0	00	29.09	30.04	01	BKN	080			10.00		58	46	52	65	5	VR	28.93	29.87
04	CLR	NC			4.00	BR	54	52	53	93	0	00	29.08	30.03	04	OVC	055			10.00		56	45	50	67	7	VR	28.94	29.88
07	FEW	NC			3.00	BR	55	52	53	90	0	00	29.09	30.04	07	OVC	040			10.00		54	44	49	69	5	24	28.98	29.93
10	CLR	NC			8.00		69	52	59	55	5	26	29.10	30.05	10	OVC	035			10.00		53	44	49	72	5	VR	29.02	29.98
13	SCT	NC			10.00		77	50	61	39	8	23	29.05	29.99	13	OVC	039			10.00		57	42	50	58	3	01	29.02	29.98
16	CLR	NC			10.00		77	50	61	39	8	20	28.95	29.89	16	BKN	060			10.00		63	39	51	41	6	VR	28.99	29.95
19	CLR	NC			9.00		74	50	60	43	5	22	28.92	29.86	19	BKN	060			10.00		58	41	49	54	7	36	29.04	30.00
22	FEW	NC			9.00		65	53	58	66	0	00	28.95	29.88	22	CLR	NC			10.00		50	42	46	74	0	00	29.08	30.06
SUNRISE: 0602							APR 17	SUNSET: 1911							SUNRISE: 0554							APR 23	SUNSET: 1916						
01	CLR	NC			10.00		63	51	56	65	0	00	28.92	29.85	01	CLR	NC			10.00		47	40	44	77	3	02	29.09	30.08
04	CLR	NC			8.00		58	54	56	87	0	00	28.88	29.82	04	CLR	NC			10.00		44	37	41	76	3	VR	29.11	30.09
07	OVC	085			6.00	HZ	60	55	57	84	0	00	28.88	29.82	07	CLR	NC			6.00	BR	43	39	41	86	0	00	29.16	30.15
10	OVC	039			6.00	-RA	61	56	58	84	6	25	28.89	29.84	10	CLR	NC			10.00		54	36	46	51	8	05	29.18	30.16
13	OVC	017			0.75	+RA BR	58	58	58	100	3	02	28.88	29.83	13	CLR	NC			10.00		63	36	50	37	3	VR	29.15	30.13
16	OVC	017			2.50	-RA BR	61	60	60	97	6	VR	28.87	29.82	16	CLR	NC			10.00		69	34	52	27	9	07	29.09	30.06
19	OVC	050			2.50	-RA BR	59	59	59	100	0	00	28.91	29.86	19	CLR	NC			10.00		65	32	49	29	5	07	29.08	30.06
22	OVC	075			5.00	BR	58	58	58	100	0	00	28.95	29.91	22	CLR	NC			10.00		51	41	46	69	0	00	29.10	30.08
SUNRISE: 0600							APR 18	SUNSET: 1912							SUNRISE: 0553							APR 24	SUNSET: 1917						
01	OVC	009			4.00	BR	58	58	58	100	0	00	28.98	29.94	01	CLR	NC			10.00		46	40	43	79	3	05	29.08	30.05
04	OVC	001			0.25	FG	56	56	56	100	0	00	28.99	29.95	04	CLR	NC			10.00		45	40	43	83	3	07	29.07	30.04
07	VV	001			<.25	FG	56	56	56	100	7	05	29.04	30.00	07	CLR	NC			10.00		46	41	44	83	3	06	29.09	30.06
10	OVC	013			6.00	BR	60	58	59	93	3	08	29.08	30.05	10	CLR	NC			10.00		58	39	49	50	3	VR	29.15	30.13
13	BKN	030			10.00		70	57	62	64	3	VR	29.08	30.03	13	CLR	NC			10.00		66	46	55	49	5	21	29.02	29.98
16	CLR	NC			10.00		73	56	63	55	5	15	29.06	30.00	16	CLR	NC			10.00		65	46	55	51	7	VR	28.97	29.93
19	CLR	NC			10.00		69	57	62	66	6	07	29.08	30.04	19	OVC	022			10.00		57	50	53	78	6	VR	28.95	29.92
22	CLR	NC			10.00		59	57	58	93	0	00	29.14	30.11	22	CLR	NC			10.00		54	50	52	87	0	00	28.95	29.92

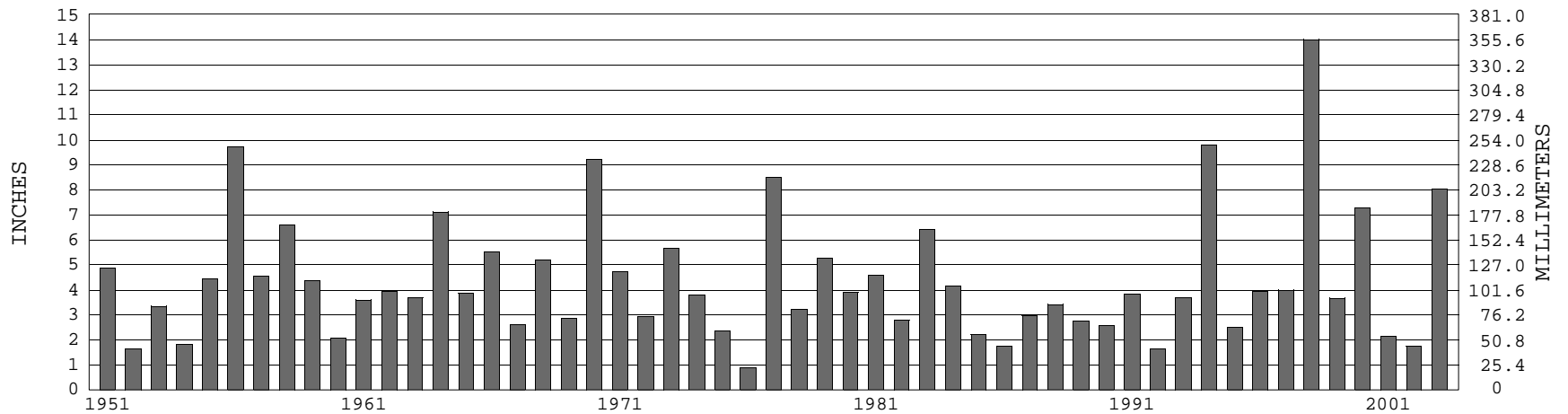
OAK RIDGE, TN APRIL TEMPERATURES



+ Extreme Max. ● Mean Max. ▲ Mean × Mean Min. ◆ Extreme Min.

Long-Term (1951-2003) Mean: 58.0 1961-1990 Normal: 57.2

OAK RIDGE, TN APRIL PRECIPITATION



Long-Term (1951-2003) Mean Monthly Total: 4.38

1961-1990 Normal: 4.32



APRIL 2003

OAK RIDGE, TN

LOCAL CLIMATOLOGICAL DATA

NOAA, National Climatic Data Center

I certify that this is an official publication of the National Oceanic and Atmospheric Administration (NOAA). It is compiled using information from weather observing sites operated by NOAA – National Weather Service / Department Of Transportation – Federal Aviation Administration and received at the National Climatic Data Center (NCDC), Asheville, North Carolina 28801.

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